APPLN. FILING DATE: DECEMBER 3, 1999
TITLE: FOOD SERVING PAPERBOARD CONTAINER PRESSING APPARATUS EMPLOYING CAST-IN ELECTRICAL HEATERS

INVENTOR(S): BRUCE R. SMITH ET AL.

APPLICATION SERIAL NO: 09/453,498

**SHEET 1 of 17** 

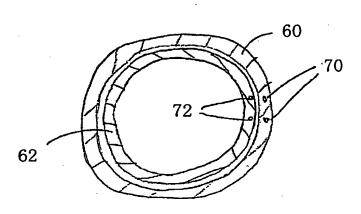


Fig. 1

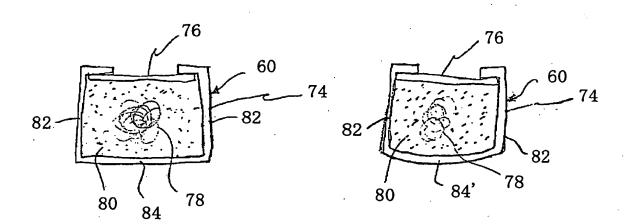
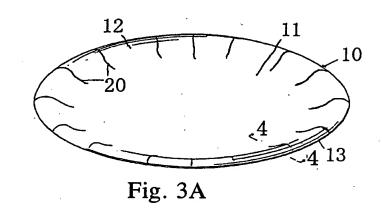


Fig. 2A

Fig. 2B

APPLN. FILING DATE: DECEMBER 3, 1999
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APPLICATION SERIAL NO: 09/453,498 SHEET 2 of

**SHEET 2 of 17** 



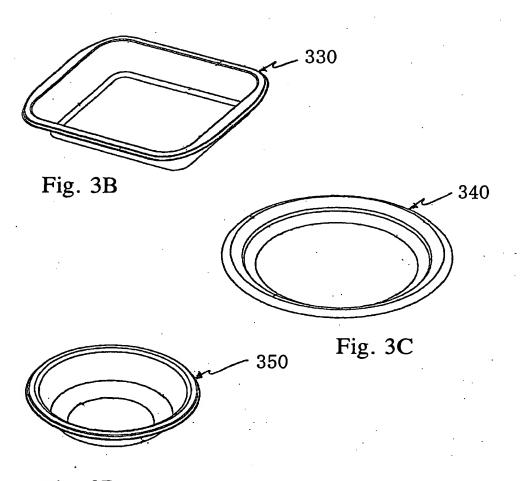


Fig. 3D

APPLN. FILING DATE: DECEMBER 3, 1999
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APPARATUS EMPLOYING CAST-IN ELECTRICAL HEATERS
INVENTOR(S): BRUCE R. SMITH ET AL.
APPLICATION SERIAL NO: 09/453,498 SHEET 3 of 17

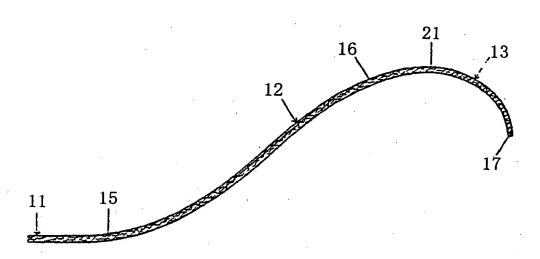
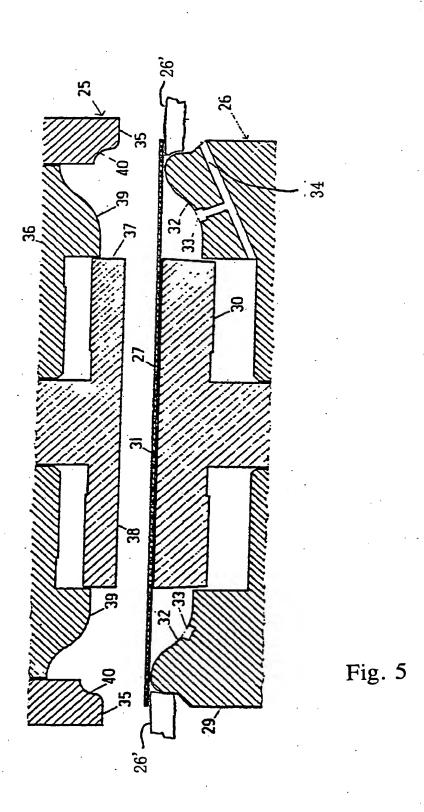
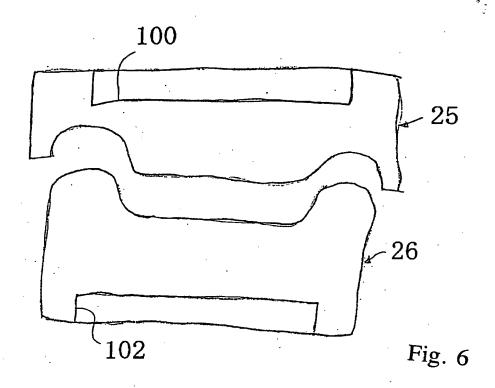


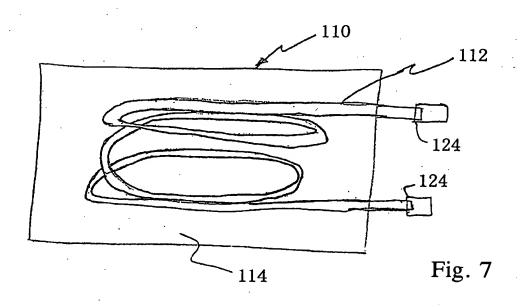
Fig. 4

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APPLICATION SERIAL NO: 09/453,498
SHEET 4 of 17



APPLN. FILING DATE: DECEMBER 3, 1999
TITLE: FOOD SERVING PAPERBOARD CONTAINER PRESSING APPARATUS EMPLOYING CAST-IN ELECTRICAL HEATERS INVENTOR(S): BRUCE R. SMITH ET AL.
APPLICATION SERIAL NO: 09/453,498 SHEET 5 of 17

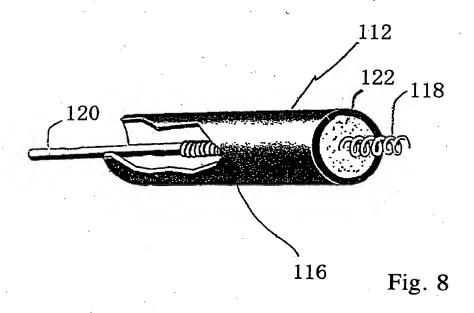


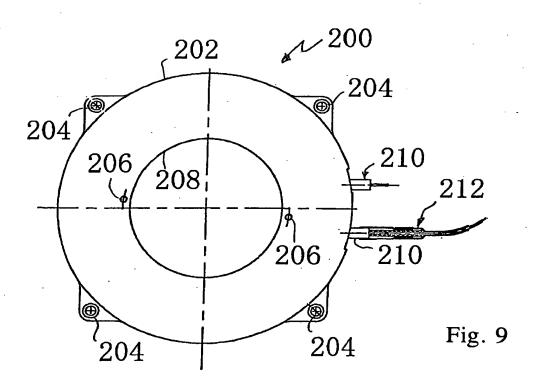


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APPLICATION SERIAL NO: 09/453,498

SHEET 6 of 17

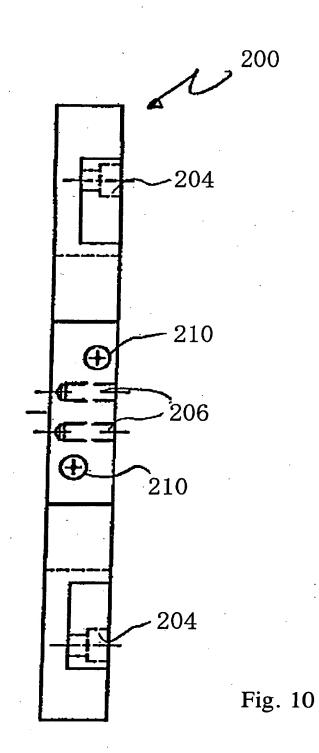




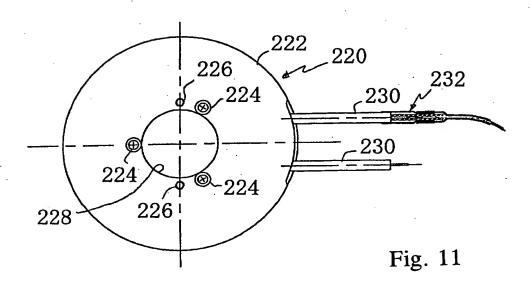
APPLN. FILING DATE: DECEMBER 3, 1999
TITLE: FOOD SERVING PAPERBOARD CONTAINER PRESSING
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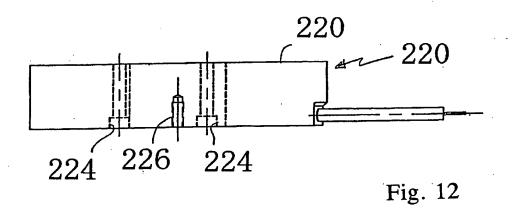
INVENTOR(S): BRUCE R. SMITH ET AL. APPLICATION SERIAL NO: 09/453,498

**SHEET 7 of 17** 

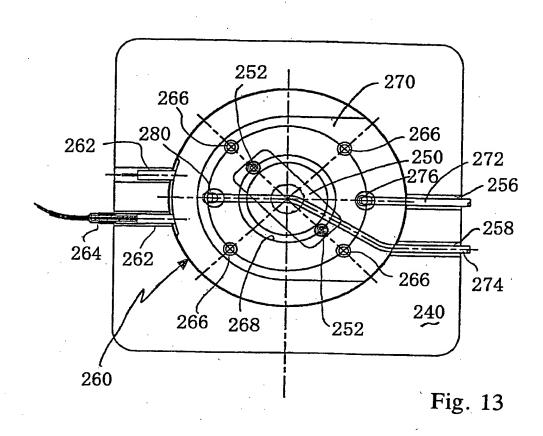


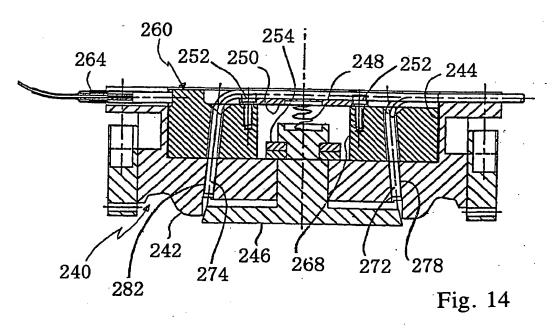
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TITLE: FOOD SERVING PAPERBOARD CONTAINER PRESSING APPARATUS EMPLOYING CAST-IN ELECTRICAL HEATERS INVENTOR(S): BRUCE R. SMITH ET AL.
APPLICATION SERIAL NO: 09/453,498
SHEET 8 of 17





APPLN. FILING DATE: DECEMBER 3, 1999
TITLE: FOOD SERVING PAPERBOARD CONTAINER PRESSING APPARATUS EMPLOYING CAST-IN ELECTRICAL HEATERS
INVENTOR(S): BRUCE R. SMITH ET AL.
APPLICATION SERIAL NO: 09/453,498
SHEET 9 of 17





APPLN. FILING DATE: DECEMBER 3, 1999
TITLE: FOOD SERVING PAPERBOARD CONTAINER)PRESSING
APPARATUS EMPLOYING CAST-IN ELECTRICAL HEATERS
INVENTOR(S): BRUCE R. SMITH ET AL.
APPLICATION SERIAL NO: 09/453,498 SHEET 10 of 17

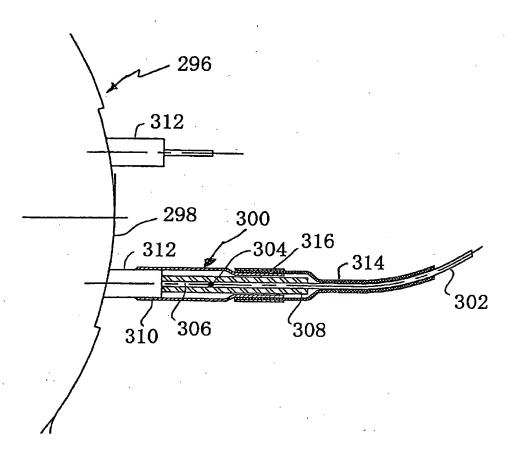
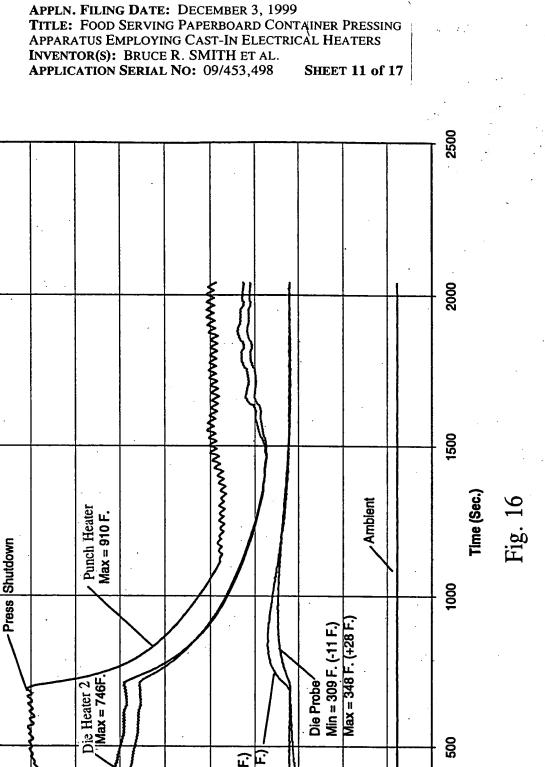
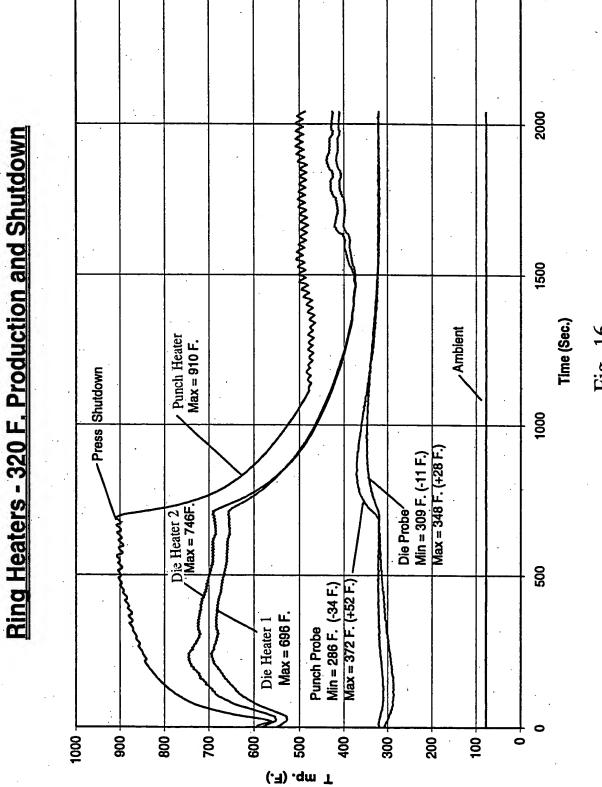
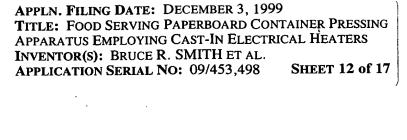
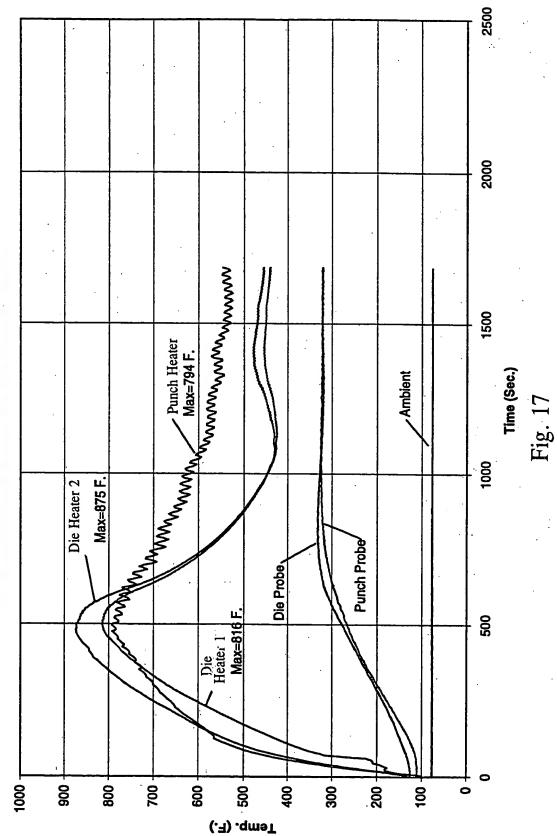


Fig. 15





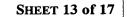


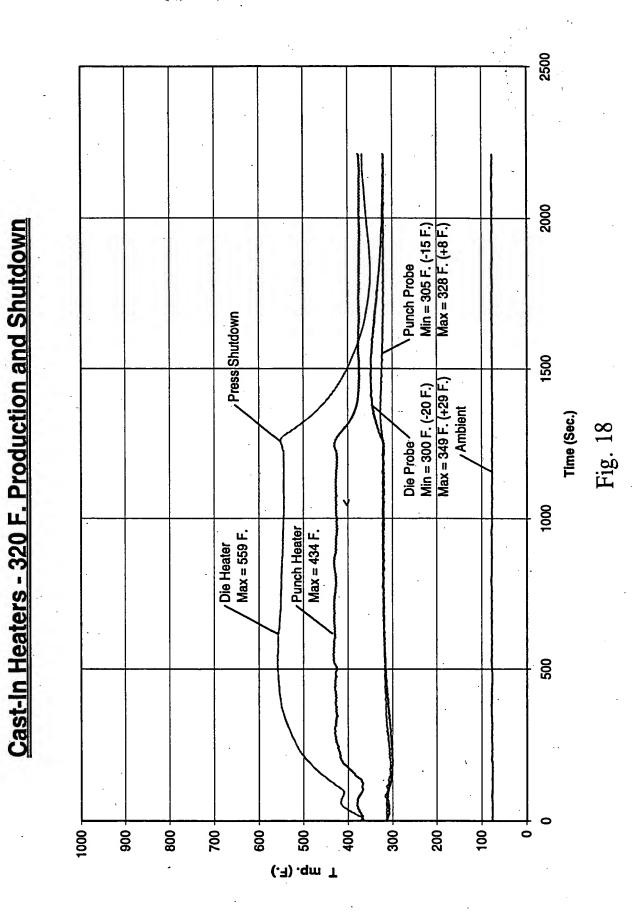


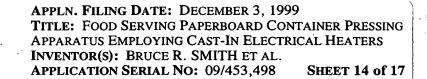
Ring Heaters - 320 F. Std. Heat Up

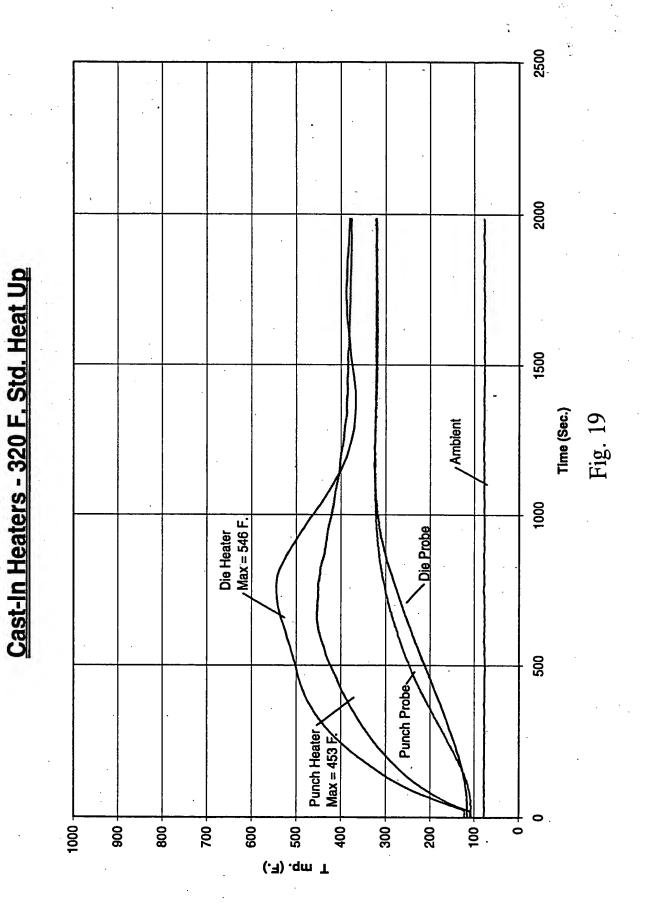
APPLN. FILING DATE: DECEMBER 3, 1999
TITLE: FOOD SERVING PAPERBOARD CONTAINER PRESSING
APPARATUS EMPLOYING CAST-IN ELECTRICAL HEATERS
INTERPREPARATUS PRINCE P. SMITH ET AL.

INVENTOR(S): BRUCE R. SMITH ET AL. APPLICATION SERIAL NO: 09/453,498









APPLN. FILING DATE: DECEMBER 3, 1999
TITLE: FOOD SERVING PAPERBOARD CONTAINER PRESSING APPARATUS EMPLOYING CAST-IN ELECTRICAL HEATERS

**SHEET 15 of 17** 

**INVENTOR(S):** BRUCE R. SMITH ET AL.

APPLICATION SERIAL NO: 09/453,498

										•																
Break Even	Cast Heater	Life (Months)	1.8	3.5	2 4	7.9	0.4	100	12 R	146	16.4	18.2	2	24.9	23.7	75.5	27.4	29.2	31.0	32.8	34.6	36.5	38.3	40.1	419	43.8
Break Even #	Cast Heater	Fails/year	85.8	32.9	749	16.5	13.2	11.0	9.4	82	7.3	979	6.0	5.5	5.1	4.7	4.4	4.1	3.9	3.7	3.5	3.3	3.1	3.0	29	2.7
Average #	Ring Heater	Falls/year	180.0	0.06	0.09	45.0	36.0	30.0	25.7	22.5	20.0	18.0	16.4	15.0	13.8	129	12.0	11.3	10.6	10.0	9.5	9.0	8.6	8.2	7.8	7.5
	# Die Sets	per Press	2	2	2	2	22	2	S	9	5	2	5	5	5	S	ro.	5	5	5	5	5	5	5	5	20
" " " " " " " " " " " " " " " " " " " "	# Cast Healer	rer De Set	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2.	2	2	2	2	2
# Ding Hodge	# nung mediers	בים האם אפון	3	3	. 3	. 3	3	3	3	3	ဧ	က	3		က	3	3	3	8	8	3	က	က	က	က	3
Ring Heater   Ha		(CIMINA)		2	က	4	5	9	7	88	G	10	=	12	13	14	15	16	1/2	8	19	82	Z.	ผ	ឌ	24

APPLN. FILING DATE: DECEMBER 3, 1999
TITLE: FOOD SERVING PAPERBOARD CONTAINER PRESSING APPARATUS EMPLOYING CAST-IN ELECTRICAL HEATERS INVENTOR(S): BRUCE R. SMITH ET AL.
APPLICATION SERIAL NO: 09/453,498 SHEET 16 of

**SHEET 16 of 17** 

						,					<u> </u>	<b>ц</b> 														
Break Even	Cast Heater	Life (Months)		22	333	4.5	5.6	6.7	7.8	8.9	10.0	11.1	12.3	13.4	145	15.6	16.7	17.8	18.9	20.1	21.2	22.3	23.4	24.5	25.6	26.7
Break Even #	Cast Heater	Lalisyear	107.7	53.9	35.9	26.9	21.5	18.0	15.4	13.5	12.0	10.8	9.6	9.0	83	7.7	7.2	6.7	6.3	6.0	5.7	5.4	5.1	4.9	4.7	4.5
Average #	Ring Heater	Book Asia	240.0	120.0	80.0	60.0	48.0	40.0	34.3	30.0	26.7	24.0	27.8	20.0	18.5	17.1	16.0	15.0	14.1	13.3	12.6	120	11.4	10.9	10.4	10.0
	# Use Sets			Ċ	5	5	5	5	5	5	5	5	5	5	2	5	5	5	5	5	9	5	2	5	2	22
	Per Die Set	6	4	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2
# Bing Hoofer	Per Die Set	P		3	4	4	4	4	4	*	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4
Ring Heater ( 165		-	•	7 0	9	4	2	9	7	00	<b>6</b>	20	=	12	13	14	15	16	77	20 9	2 8	2	21	ន	S	24

APPLN. FILING DATE: DECEMBER 3, 1999
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APPARATUS EMPLOYING CAST-IN ELECTRICAL HEATERS
INVENTOR(S): BRUCE R. SMITH ET AL.

**SHEET 17 of 17** 

APPLICATION SERIAL NO: 09/453,498

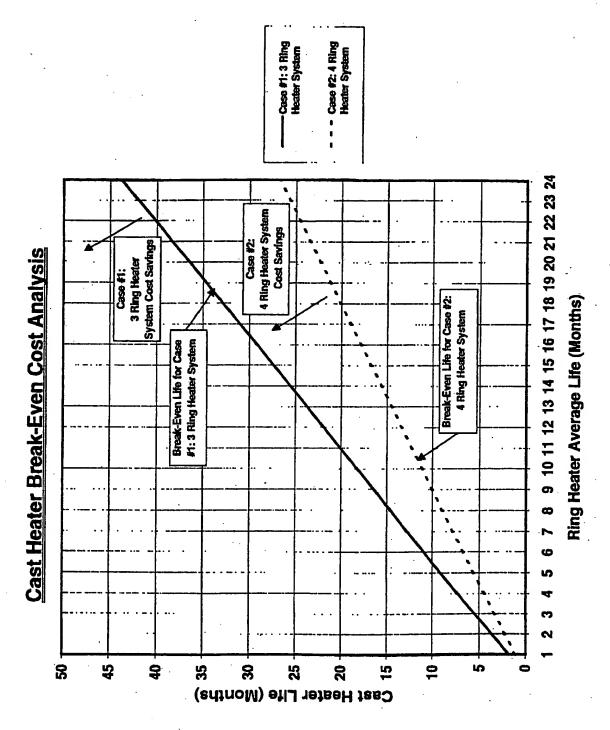


Fig. 2